

ABSTRACT OF THE DISCLOSURE

The invention provides a human delta 1-pyrroline-5-carboxylate reductase homolog (P5CRH) and
5 polynucleotides which identify and encode P5CRH. The invention also provides expression vectors, host
cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating
or preventing disorders associated with expression of P5CRH.